

EU AI Act vs Executive Order 14110 on Safe, Secure, Trustworthy AI

Editorial verdict: **asymmetric** — see comparison narrative below.

EU · BINDING REGULATION

EU AI Act

EU-AIA-2024

TREATMENT OF COMPUTE + MODEL-WEIGHT EXPORT CONTROLS

silent

EU AIA does not address compute / weight export controls; lives in dual-use Regulation (EU) 2021/821

Primary source: [Regulation \(EU\) 2024/1689](#)

US · EXECUTIVE ORDER

Executive Order 14110 on Safe, Secure, Trustworthy AI

US-EO-14110

TREATMENT OF COMPUTE + MODEL-WEIGHT EXPORT CONTROLS

implicit

§4.2(b) directs export-control coordination via BIS; not the primary venue but the policy hook

Primary source: [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#)

What this comparison shows

One regime addresses the topic explicitly while the other covers it only implicitly or not at all. This is a likely site of regulatory arbitrage and a candidate for comparative-law follow-up.

Contested question: Should compute + weight export controls govern by (a) recipient jurisdiction, (b) capability tier of the controlled artifact, or (c) end-use intent? Each rule generation has shifted between these frames.

Bibliography

1. [Regulation \(EU\) 2024/1689](#) — EU AI Act.
2. [Exec. Order No. 14110, 88 Fed. Reg. 75191 \(Nov. 1, 2023\)](#) — Executive Order 14110 on Safe, Secure, Trustworthy AI.
3. [Policy Window — Compute + Model-Weight Export Controls](#) (cross-jurisdiction topic article with full coverage matrix).